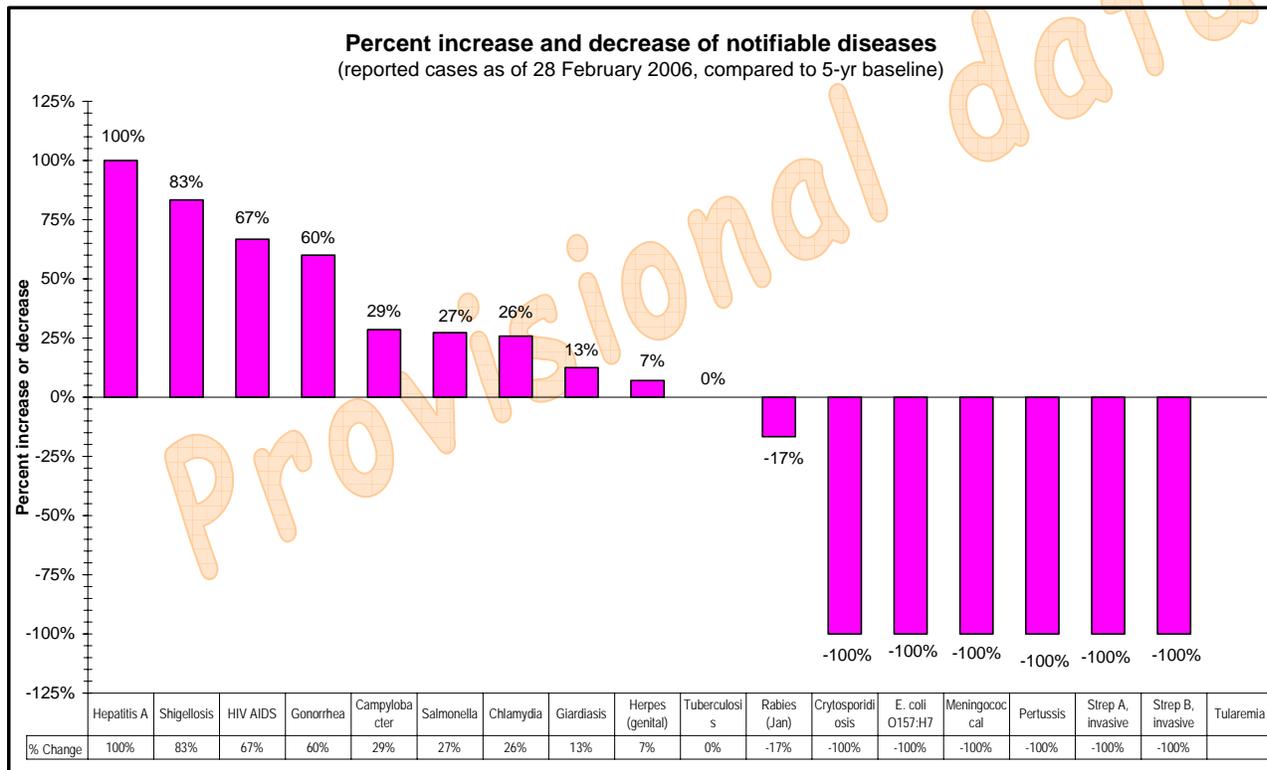


SOUTH DAKOTA INFECTIOUS DISEASE SUMMARY: 1 January – 28 February 2006

These data are provisional.

Year-to-date on 28 February 2006, increases $\geq 50\%$ were observed over 5-year median for Hepatitis A (+100%), Shigellosis (+83%), HIV/AIDS (+67%) and Gonorrhea (+60%),

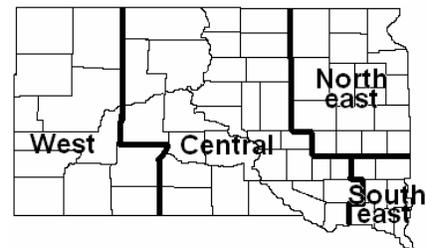
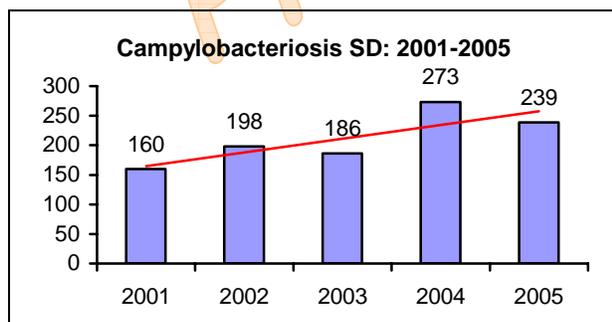
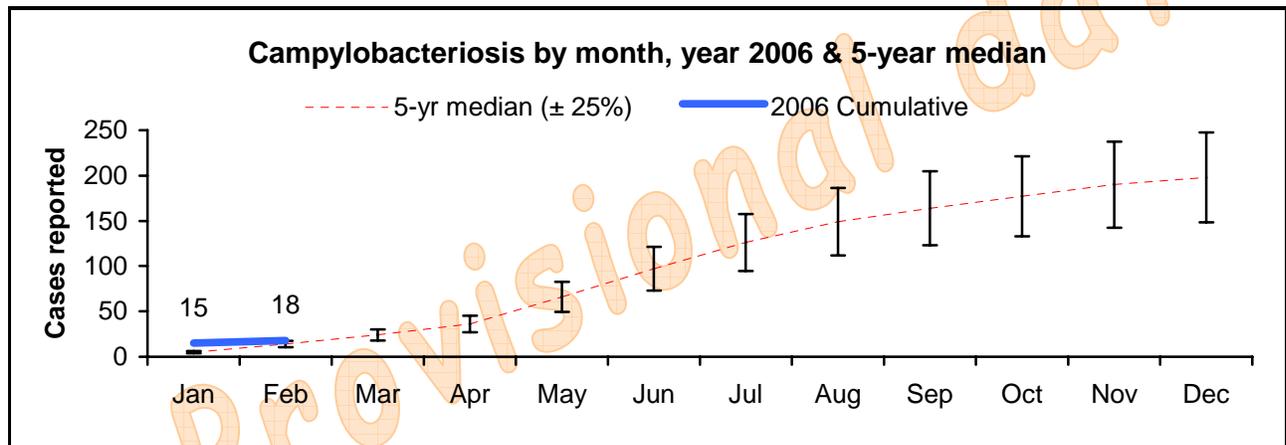
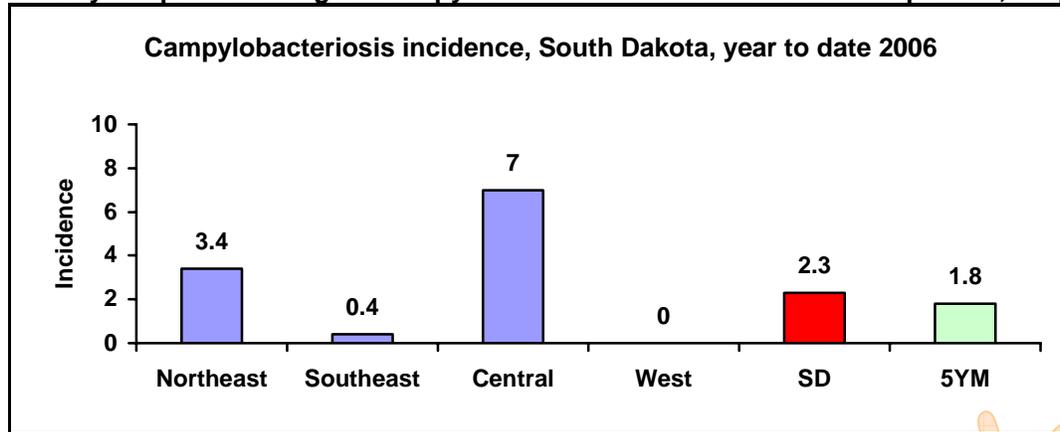
Disease/agent	Cases YTD 1/31/06	Incidence YTD 1/31/06	5-year median cases	Percent increase / decrease	Comments
Hepatitis A	2	0.3	1	100%	1 case in February
Shigellosis	11	1.4	6	83%	Highest rate in Central Region
HIV AIDS	5	0.6	3	67%	Highest rate in Southeast Region
Gonorrhea	56	7.3	35	60%	Highest rate in Central Region
Campylobacter	18	2.3	14	29%	Highest rate in Central Region
Salmonella	14	1.8	11	27%	Highest rate in Central Region
Chlamydia	420	54.5	334	26%	Highest rates in Western and Central Regions
Giardiasis	9	1.2	8	13%	Highest rate in Central Region
Herpes (genital)	61	7.9	57	7%	Highest rate in Southeast Region
Tuberculosis	3	0.4	3	0%	1 case reported in February
Tularemia	0	0.0	0	0%	No cases reported this year
Rabies (Jan)	5	na	6	-17%	3+ skunks, 2+ cats
Cryptosporidiosis	0	0.0	2	-100%	No cases reported this year
<i>E. coli</i> O157:H7	0	0.0	1	-100%	No cases reported this year
Meningococcal	0	0.0	1	-100%	No cases reported this year
Pertussis	0	0.0	2	-100%	No cases reported this year
<i>Strep A</i> , invasive	0	0.0	3	-100%	No cases reported this year
<i>Strep B</i> , invasive	0	0.0	3	-100%	No cases reported this year



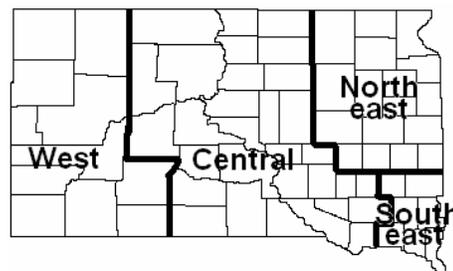
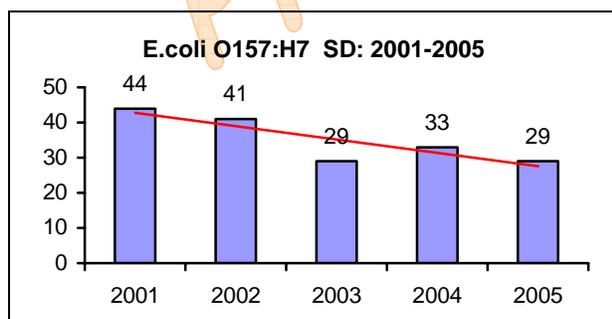
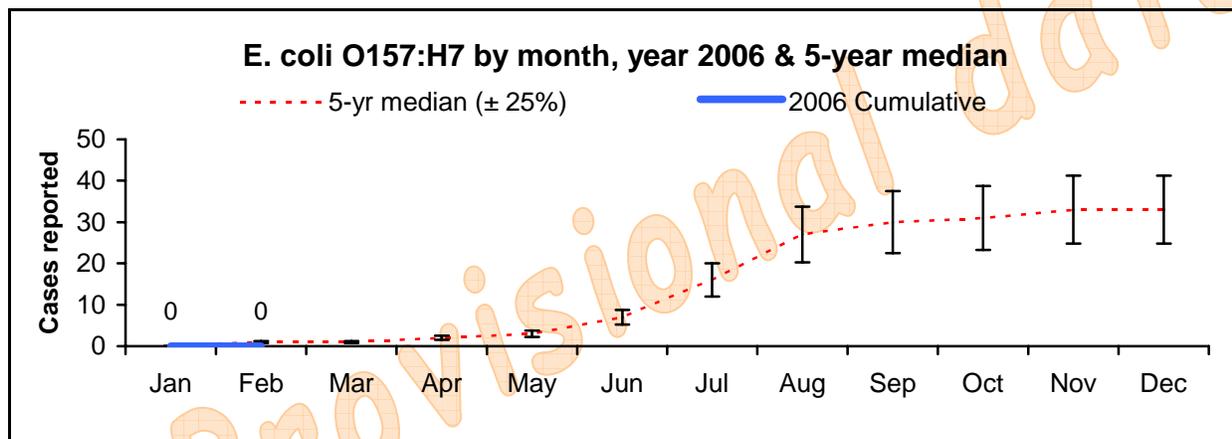
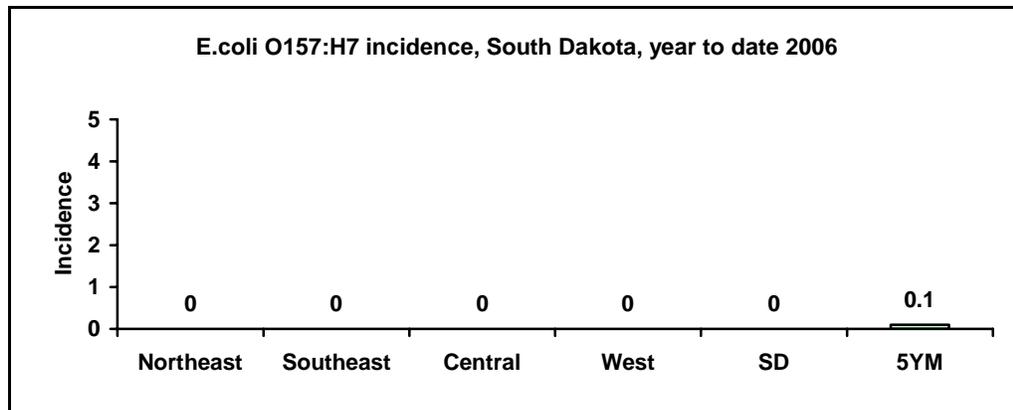
Diseases may be reported to the SD Dept of Health at <http://www.state.sd.us/doh/diseasereport>

CAMPYLOBACTERIOSIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	6	3.4	6	0
SouthEast Region	248,114	1	0.4	1	0
Central Region	158,182	11	7.0	8	3
Western Region	188,226	0	0.0	0	0
West River	233,472	1	0.4	1	0
East River	537,411	17	3.2	14	3
South Dakota YTD	770883	18	2.3	15	3

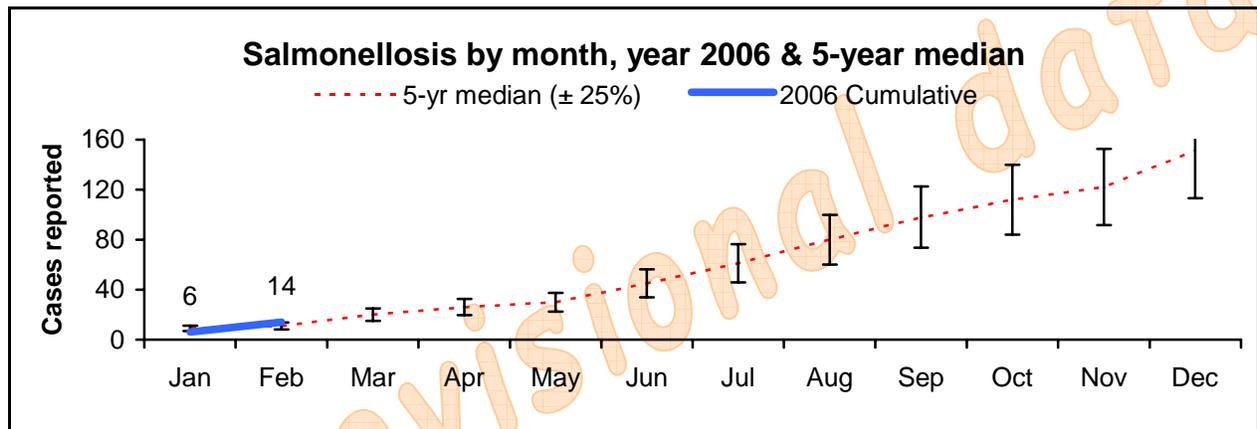
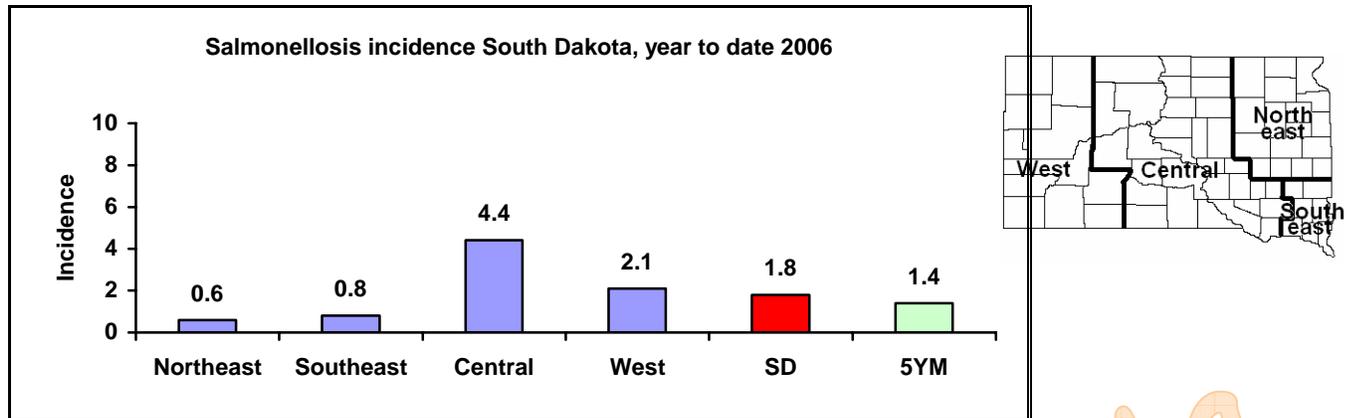
Healthy People 2010 Target: Campylobacter foodborne infections 12.3 per 100,000 per year



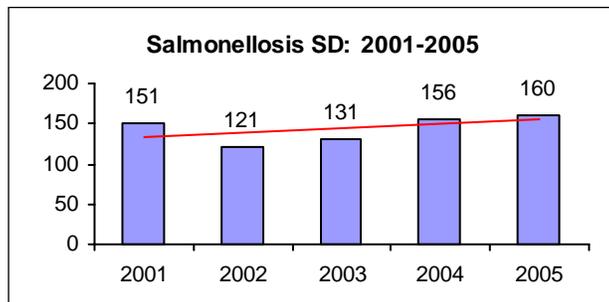
E. coli O157:H7					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEastRegion	248,114	0	0.0	0	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	0	0.0	0	0
South Dakota YTD	770,883	0	0.0	0	0



SALMONELLOSIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	1	0.6	1	0
SouthEast Region	248,114	2	0.8	1	1
Central Region	158,182	7	4.4	2	5
Western Region	188,226	4	2.1	2	2
West River	233,472	9	3.9	2	7
East River	537,411	5	0.9	4	1
South Dakota YTD	770,883	14	1.8	6	8

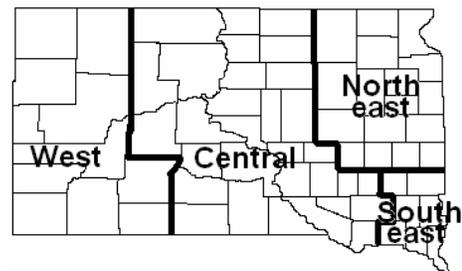
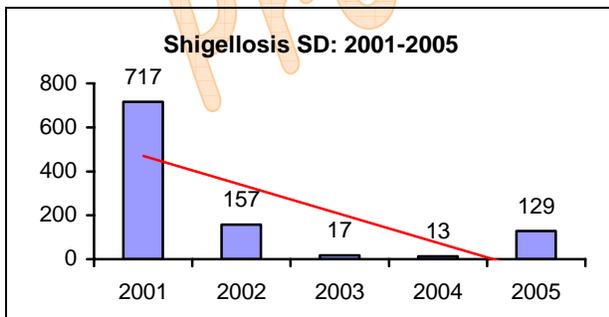
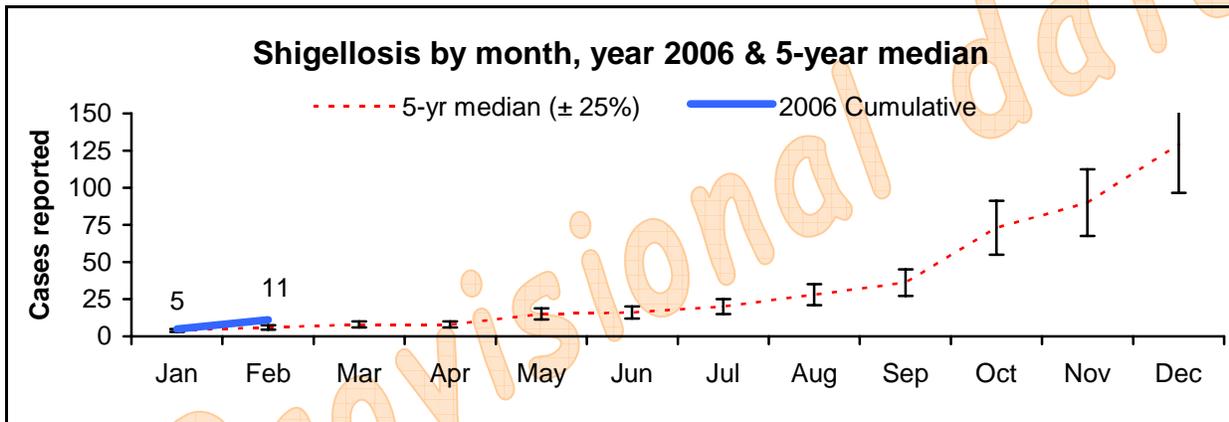
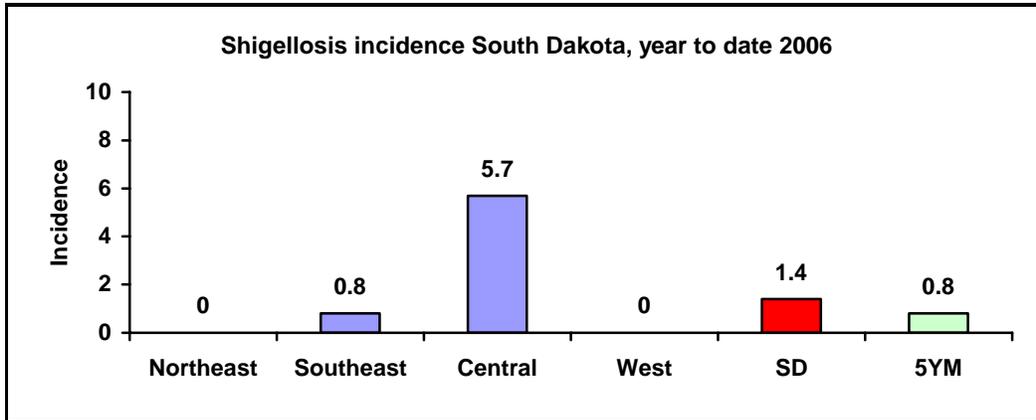


Salmonella serotype	TOTAL
S. enteritidis	2
S. muenchen	1
S. stanley	1
S. typhimurium	4
Other serotypes	6
TOTAL	14

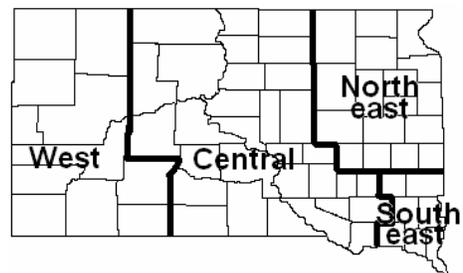
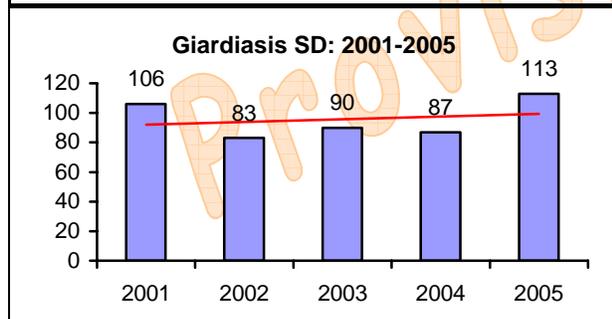
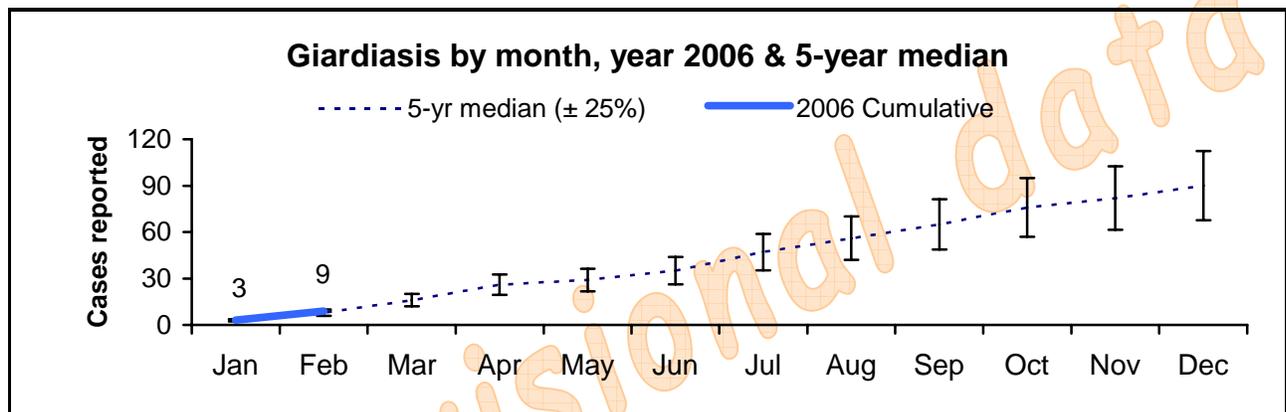
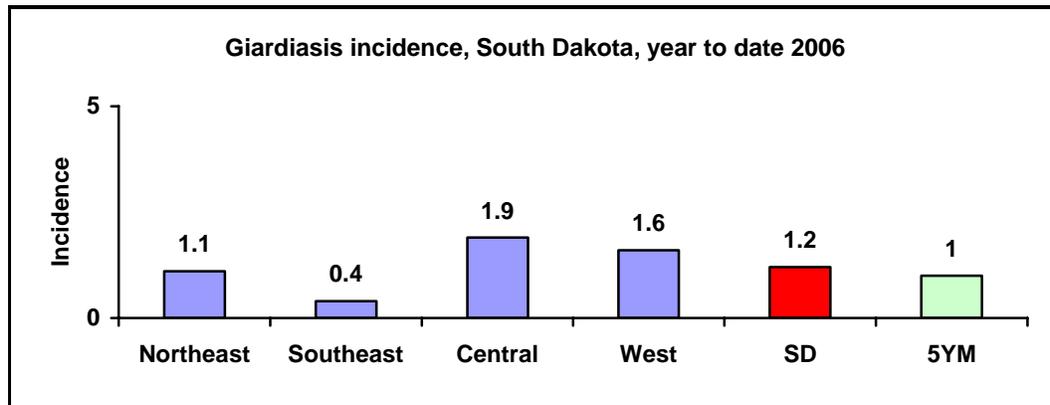


SHIGELLOSIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	2	0.8	1	1
Central Region	158,182	9	5.7	4	5
Western Region	188,226	0	0.0	0	0
West River	233,472	6	2.6	3	3
East River	537,411	5	0.9	2	3
South Dakota YTD	770,883	11	1.4	5	6

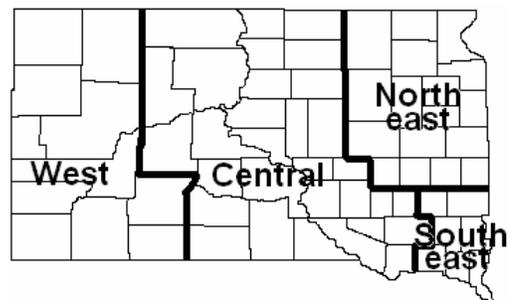
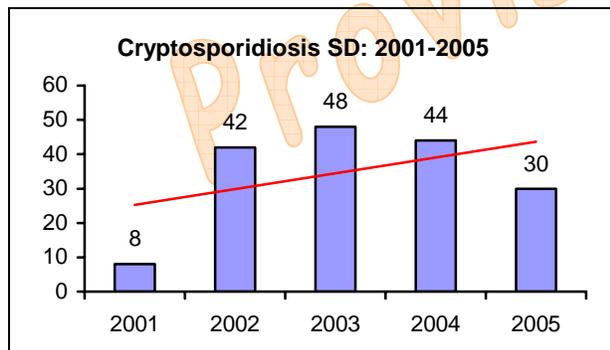
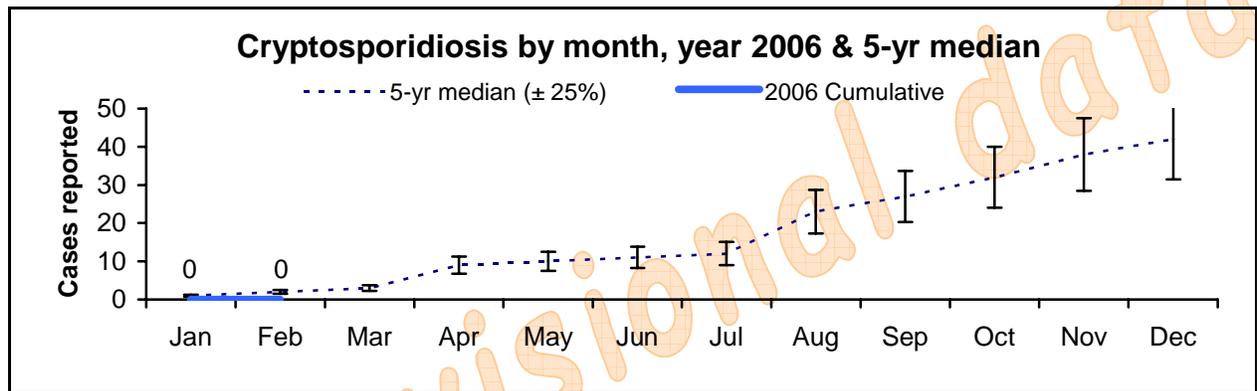
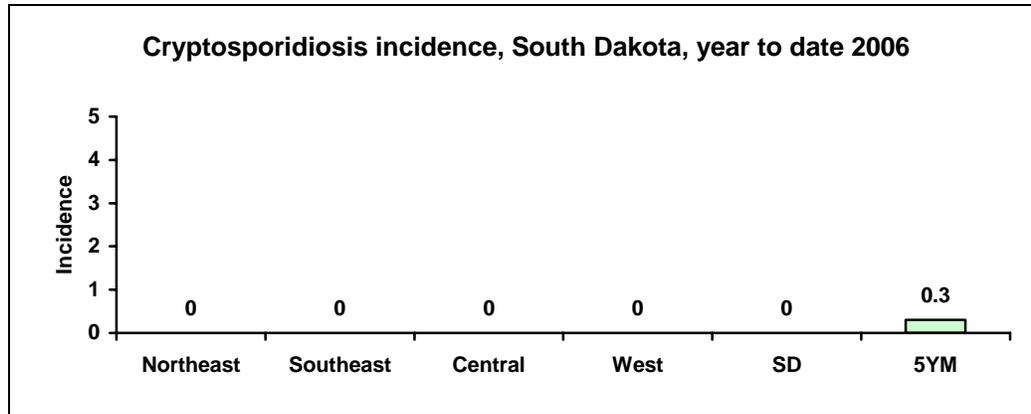
Shigella species: All *Shigella sonnei*



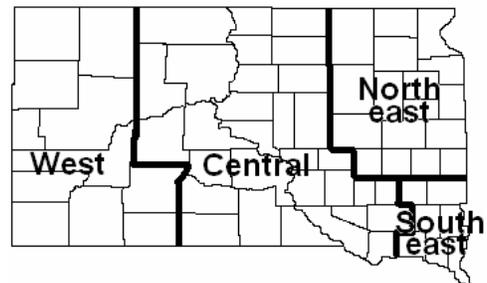
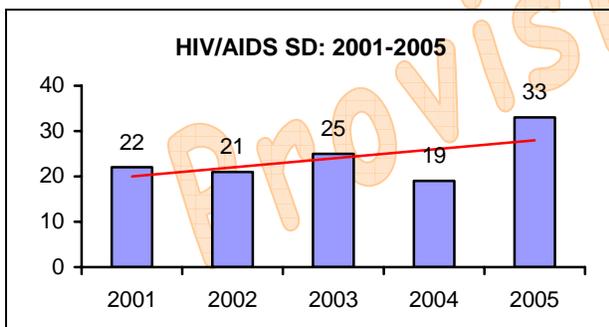
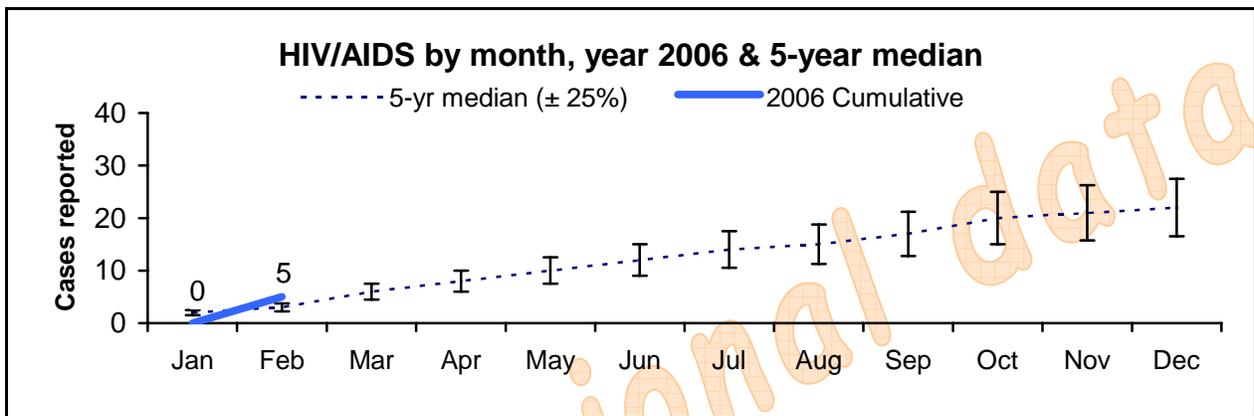
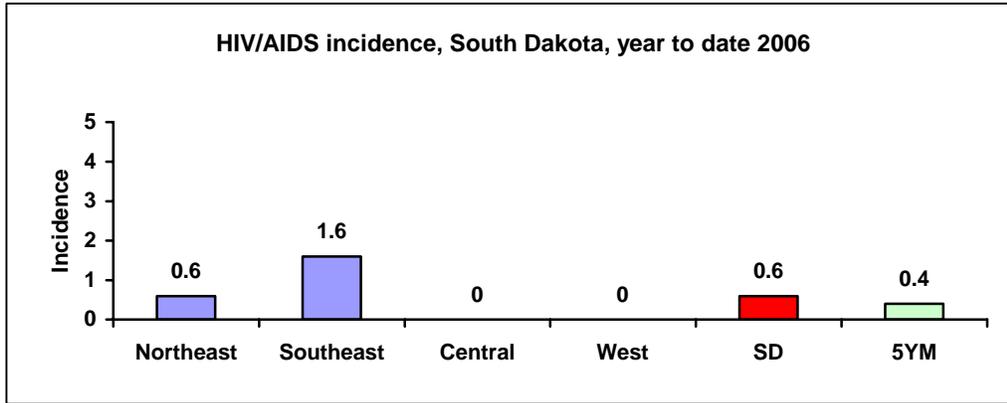
GIARDIASIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	2	1.1	0	2
SouthEast Region	248,114	1	0.4	0	1
Central Region	158,182	3	1.9	1	2
Western Region	188,226	3	1.6	2	1
West River	233,472	3	1.3	2	1
East River	537,411	6	1.1	1	5
South Dakota YTD	770,883	9	1.2	3	6



CRYPTOSPORIDIOSIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	0	0.0	0	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	0	0.0	0	0
South Dakota YTD	770,883	0	0.0	0	0

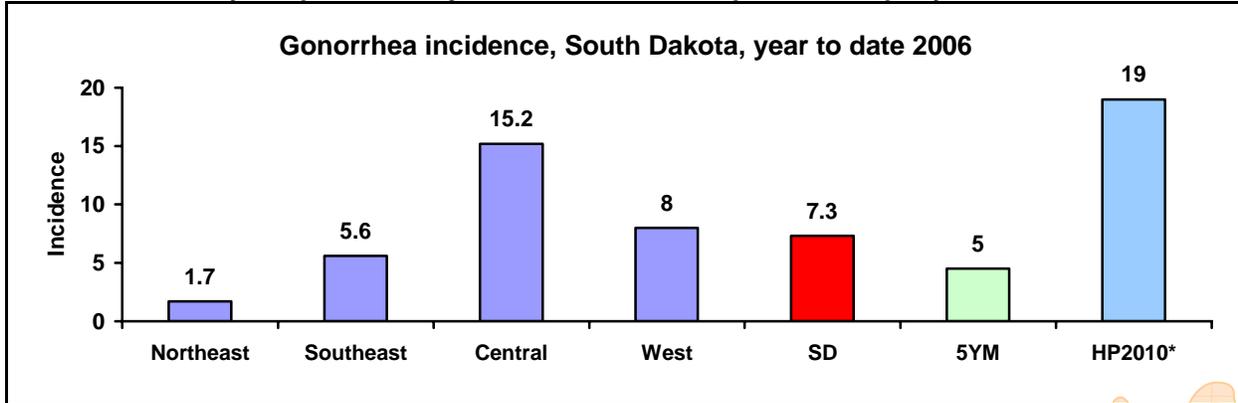


HIV / AIDS		#			
REGION	Pop	cases	Incidence	Jan	Feb
NorthEast Region	176,361	1	0.6	0	1
SouthEast Region	248,114	4	1.6	0	4
Central Region	158,182	0	0.0	0	
Western Region	188,226	0	0.0	0	
South Dakota YTD	770,883	5	0.6	0	5

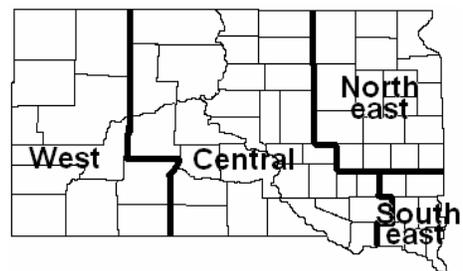
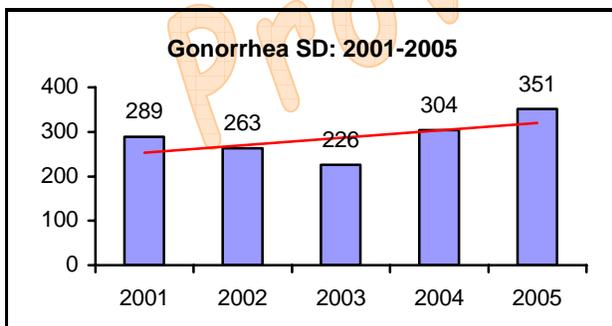
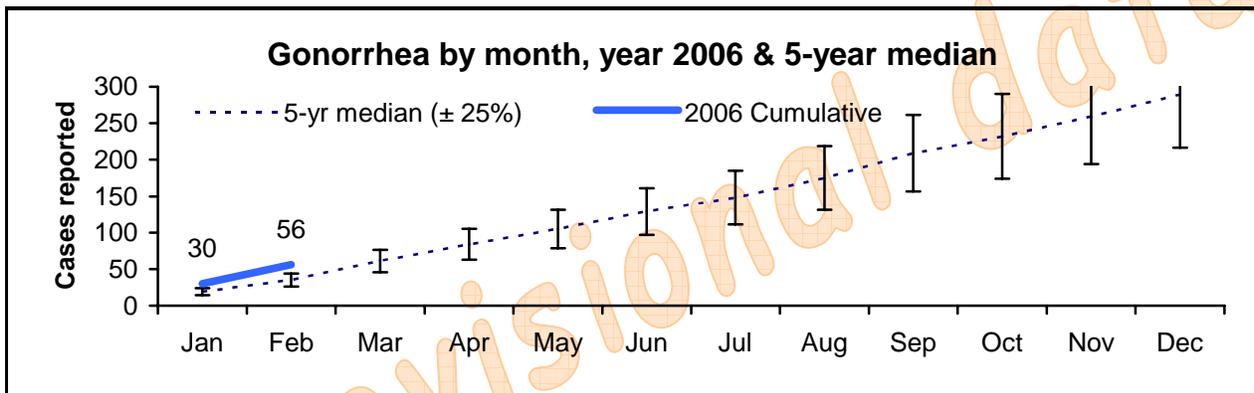


GONORRHEA					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	3	1.7	1	2
SouthEast Region	248,114	14	5.6	8	6
Central Region	158,182	24	15.2	14	10
Western Region	188,226	15	8.0	7	8
West River	233,472	31	13.3	17	14
East River	537,411	25	4.7	13	12
South Dakota YTD	770,883	56	7.3	30	26

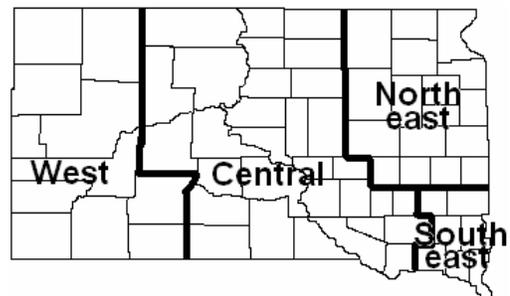
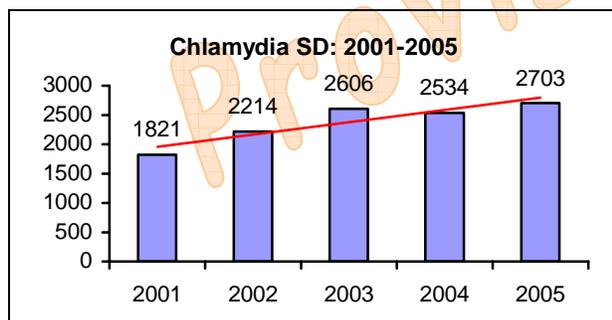
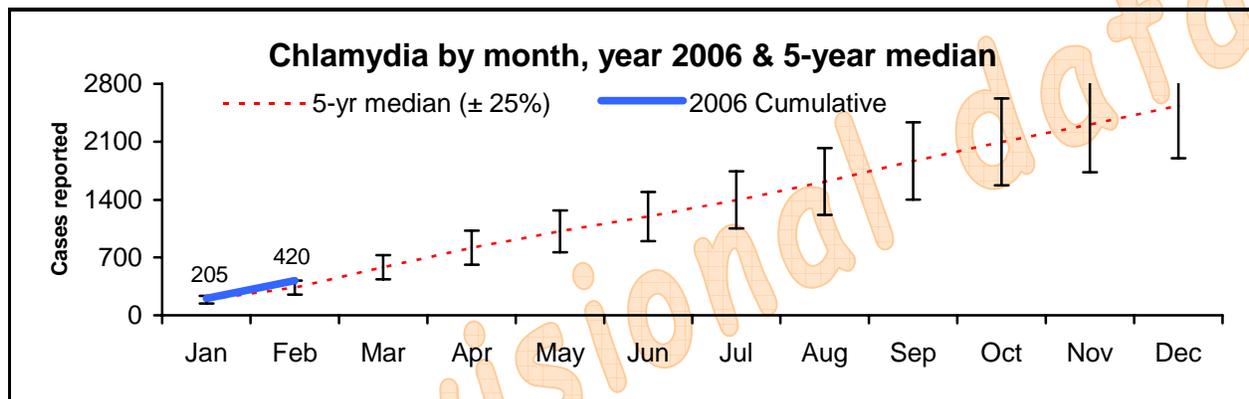
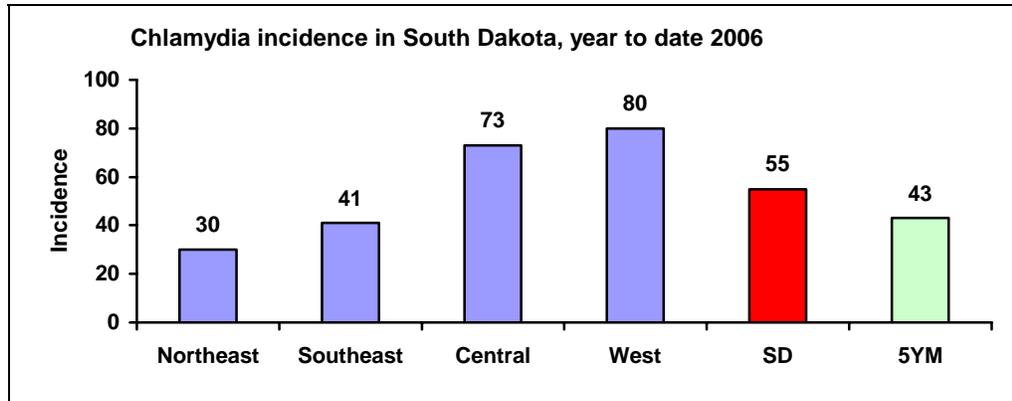
Gonorrhea Healthy People 2010 Objective: 19 new cases per 100,000 per year



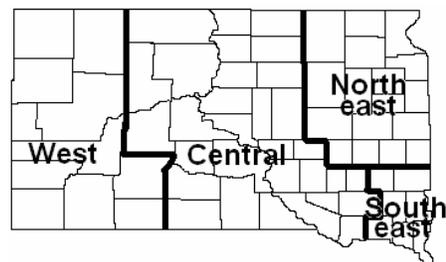
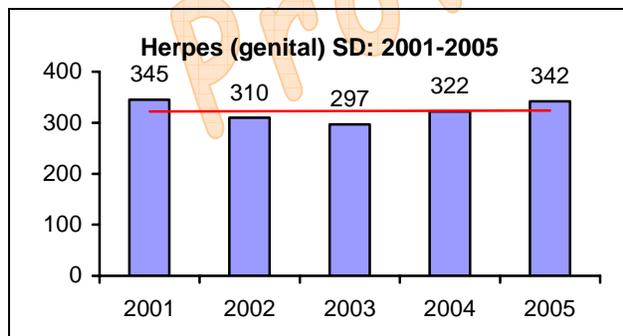
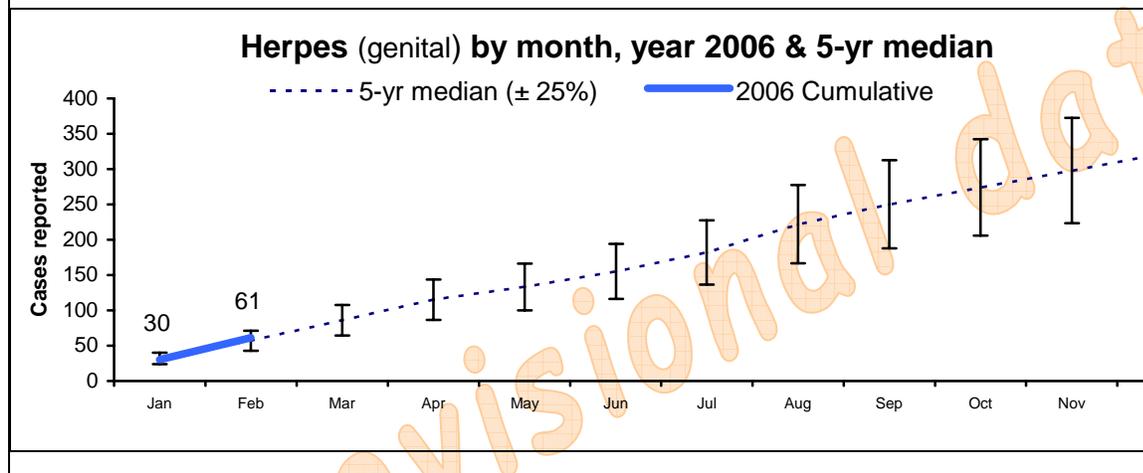
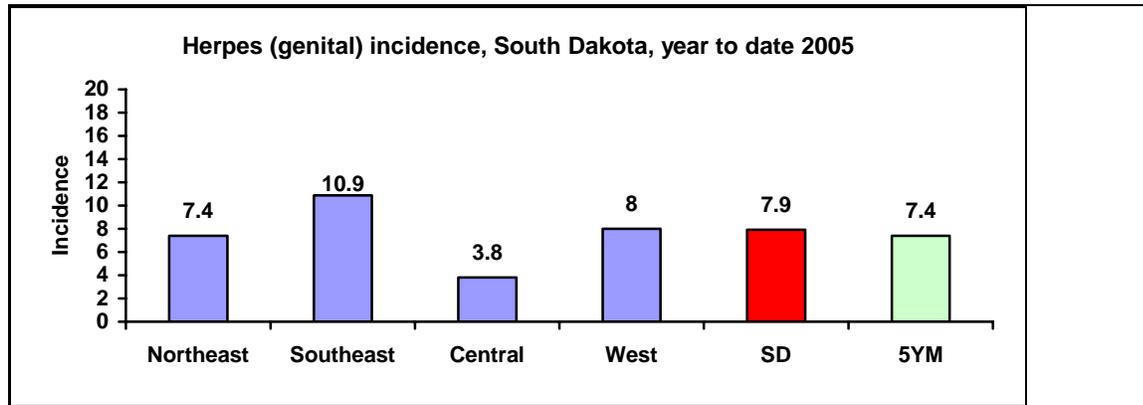
*Healthy People 2010 Objective for full year.



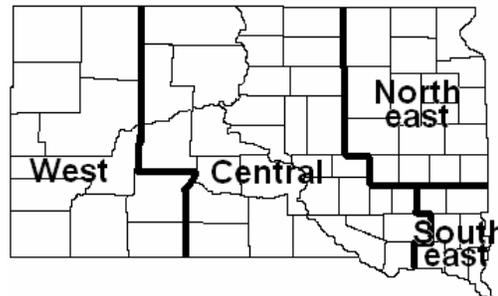
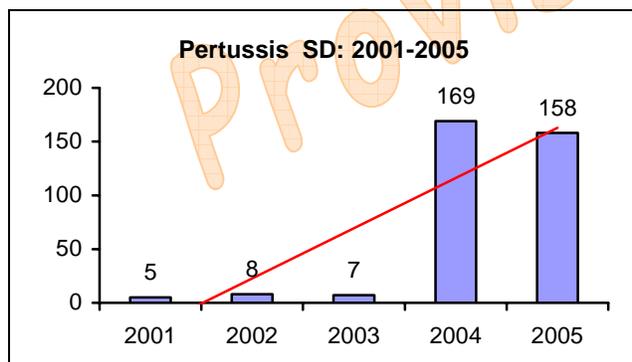
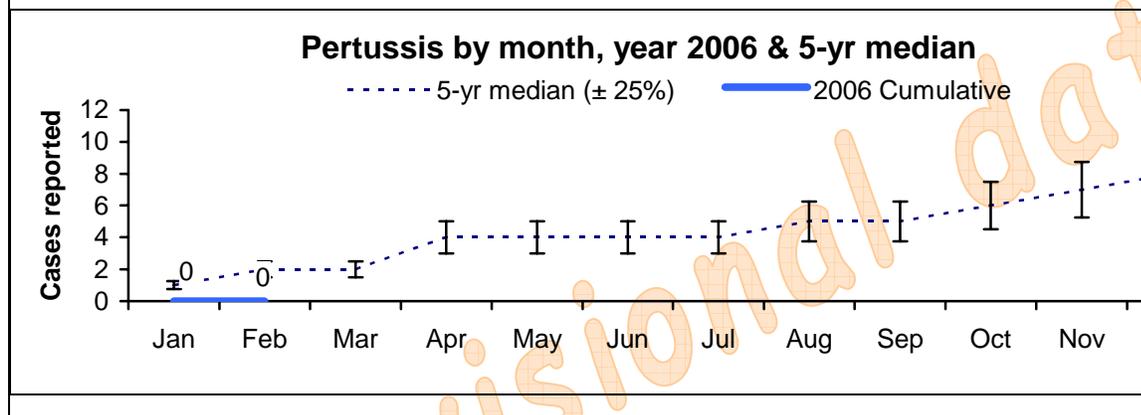
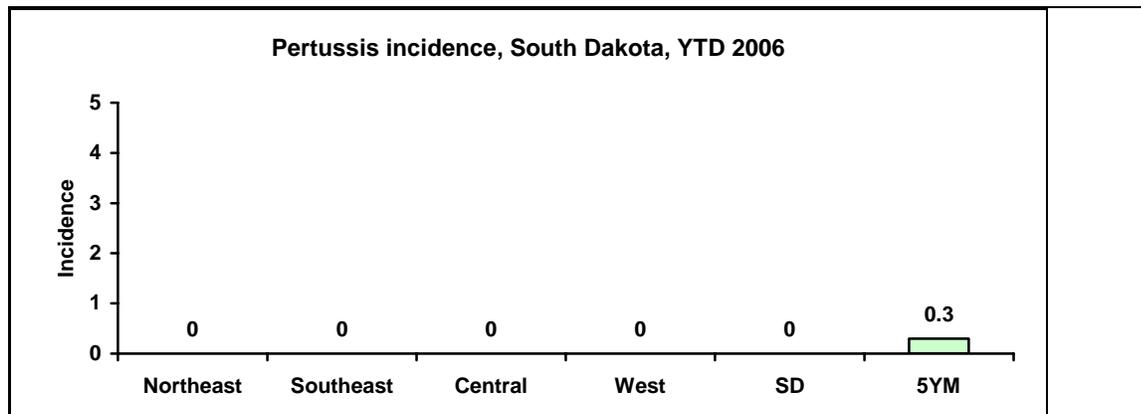
CHLAMYDIA TRACHOMATIS	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	53	30.1	18	35
SouthEast Region	248,114	101	40.7	50	51
Central Region	158,182	115	72.7	60	55
Western Region	188,226	151	80.2	77	74
West River	233,472	219	93.8	111	108
East River	537,411	201	37.4	94	107
South Dakota YTD	770,883	420	54.5	205	215



GENITAL HERPES					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	13	7.4	5	8
SouthEast Region	248,114	27	10.9	13	14
Central Region	158,182	6	3.8	4	2
Western Region	188,226	15	8.0	8	7
West River	233,472	17	7.3	9	8
East River	537,411	44	8.2	21	23
South Dakota YTD	770,883	61	7.9	30	31

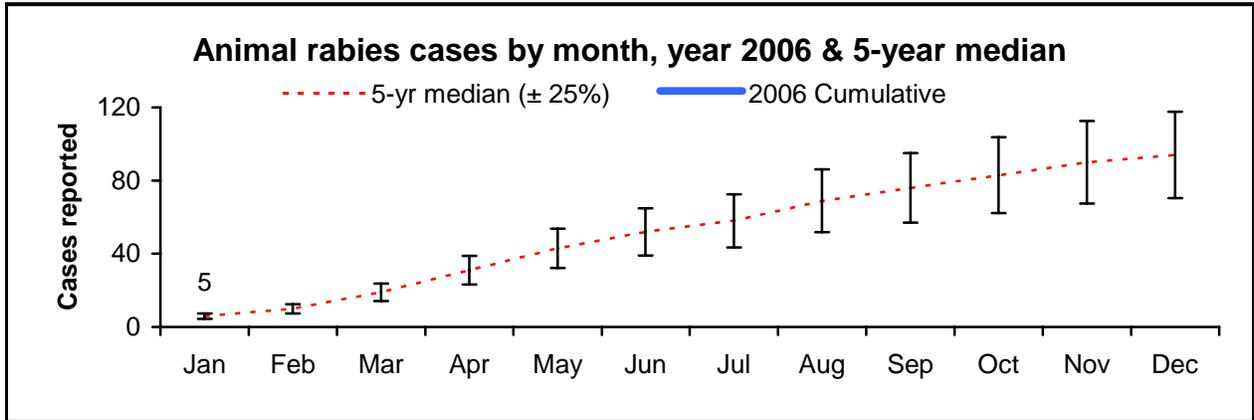


PERTUSSIS					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	0	0.0	0	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	0	0.0	0	0
South Dakota YTD	770,883	0	0.0	0	0



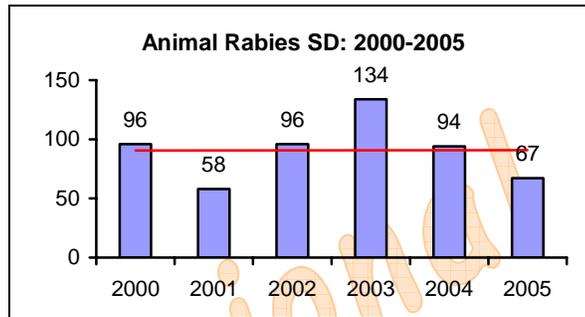
Animal Rabies in South Dakota, 1 January – 31 December 2005.

County	Rabid animal
Brown	Cat 1;
Faulk	Skunk 1;
Minnehaha	Skunk 1;
Meade	Skunk 1;
Clark	Cat 1;



As of 1 January 2006

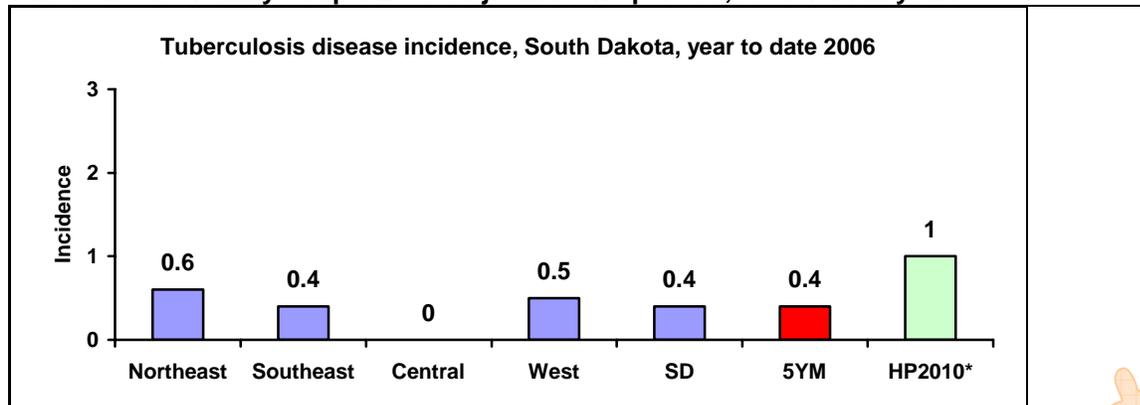
Animal	Number Positive
Bat (B)	0
Cattle (C)	0
Dog (D)	0
Horse (H)	0
Cat (F)	2
Skunk (S)	3
Raccoon (R)	0
Other*	0
Total	5



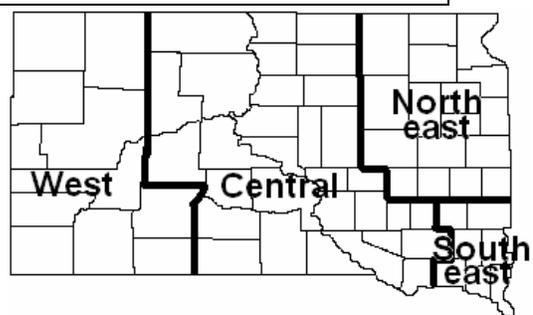
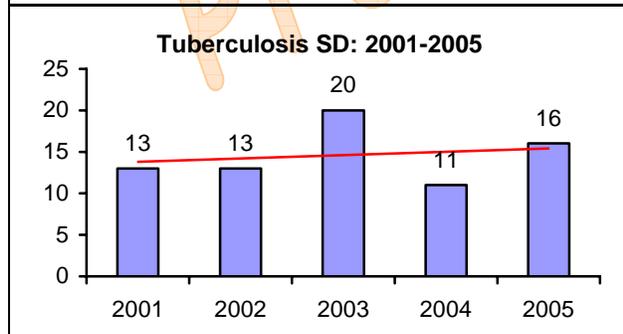
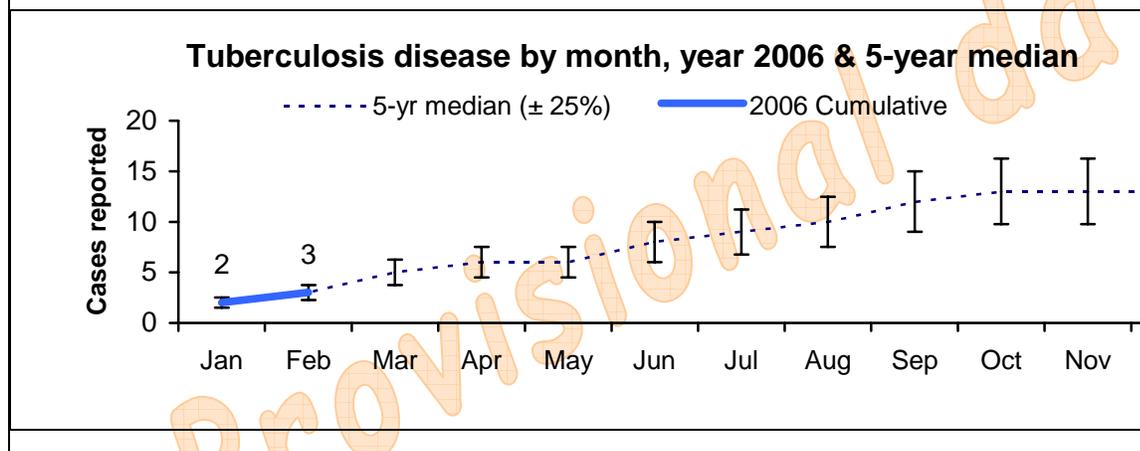
*Animals testing negative include: bovine 3, cat 10, coyote 1, dog 6, horse 1, rabbit 1, raccoon 5, skunk 1.

TUBERCULOSIS DISEASE					
REGION	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	1	0.6	0	1
SouthEast Region	248,114	1	0.4	1	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	1	0.5	1	0
West River	233,472	1	0.4	1	0
East River	537,411	2	0.4	1	1
South Dakota YTD	770,883	3	0.4	2	1

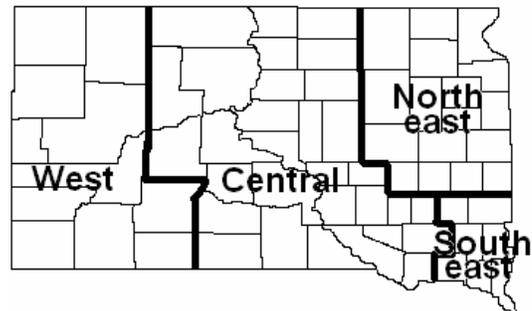
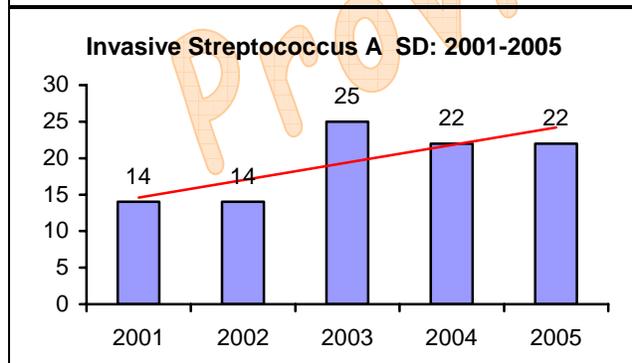
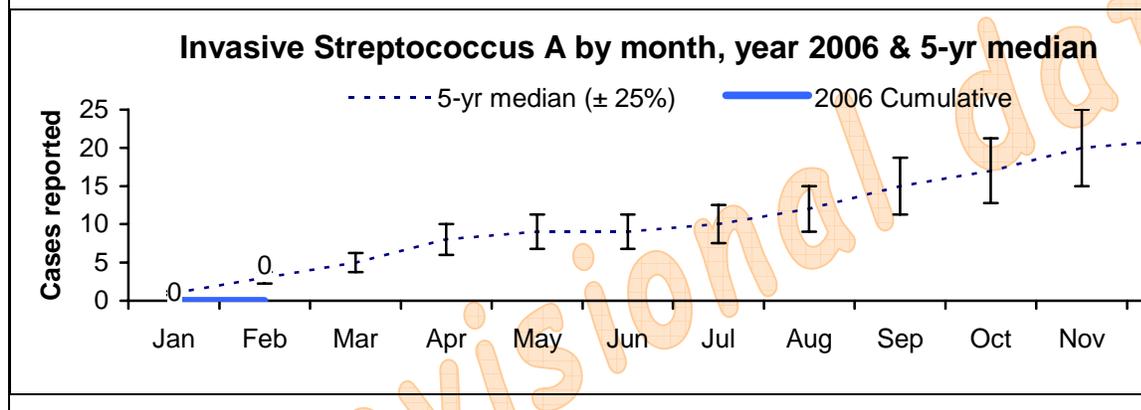
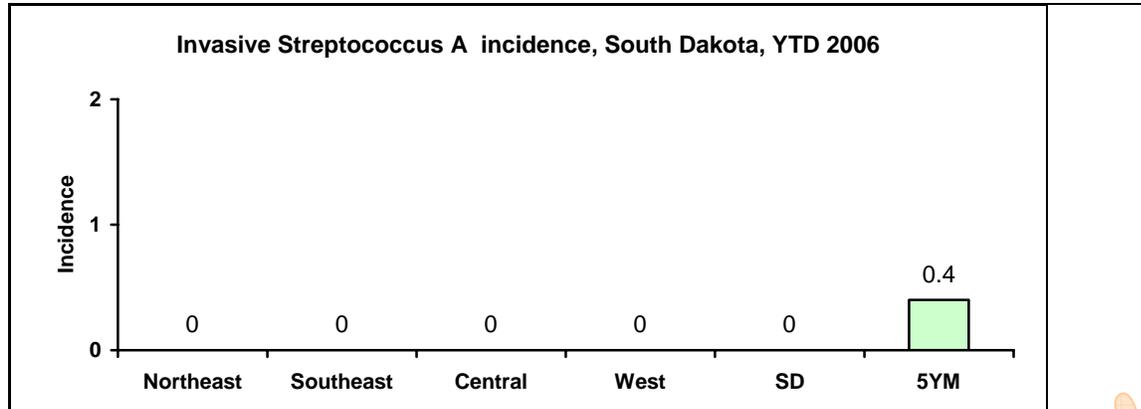
Tuberculosis Healthy People 2010 Objective: 1.0 per 100,000 for a full year.



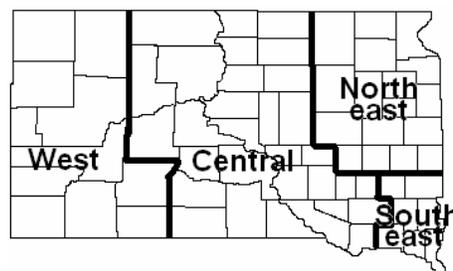
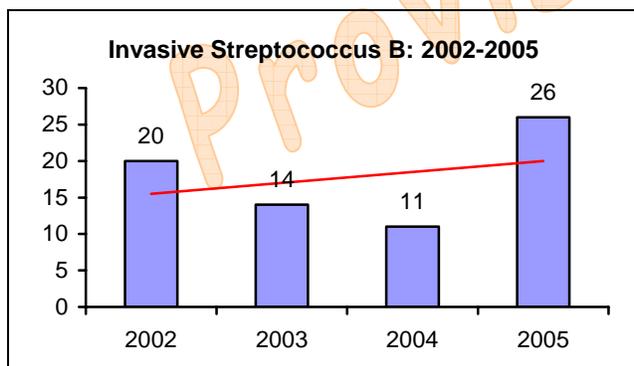
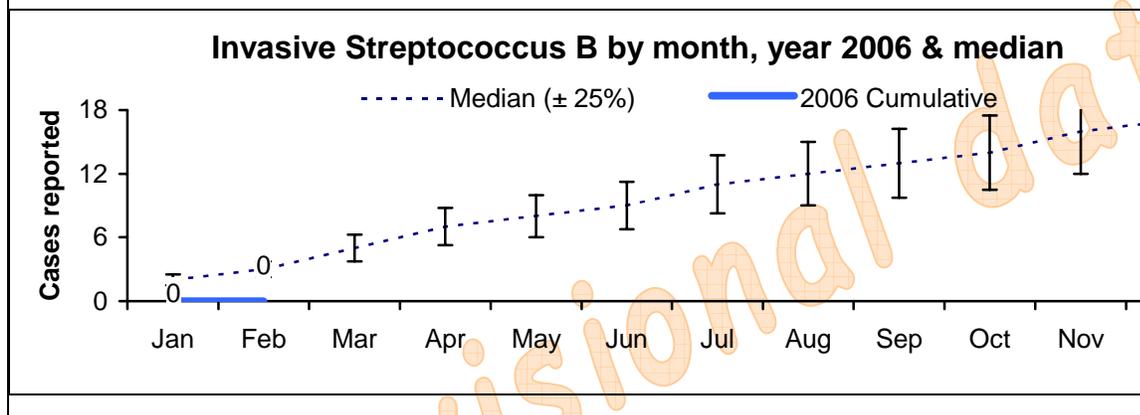
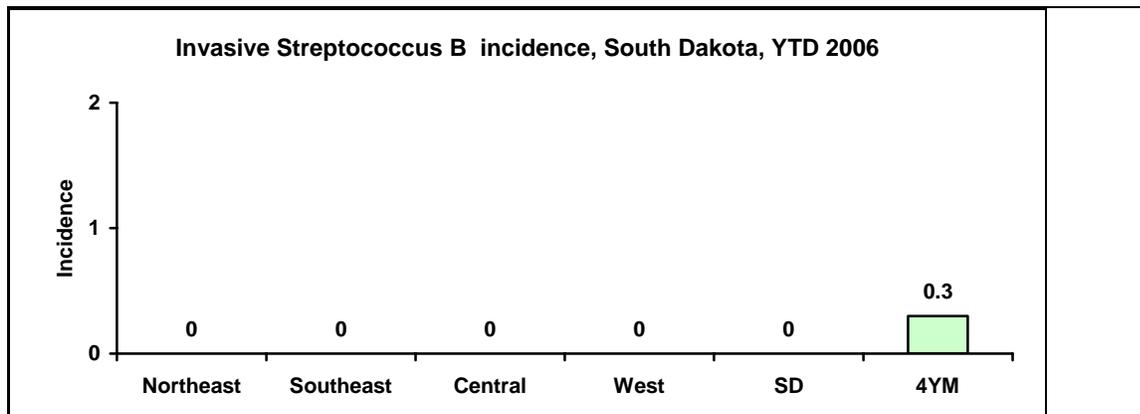
*Healthy People 2010 Objective for full year.



STREPTOCOCCUS GROUP A, INVASIVE					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	0	0.0	0	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	0	0.0	0	0
South Dakota YTD	770,883	0	0.0	0	0



STREPTOCOCCUS GROUP B, INVASIVE					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	0	0.0	0	0
Central Region	158,182	0	0.0	0	0
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	0	0.0	0	0
South Dakota YTD	770,883	0	0.0	0	0



Other low incidence or newly reportable diseases in South Dakota, YTD2006

- Hepatitis A, acute 2 cases
- Listeriosis, 1 case
- Malaria (*P. vivax*), 1 case

CHICKEN POX (varicella)					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	0	0.0	0	0
SouthEast Region	248,114	4	1.6	2	2
Central Region	158,182	3	1.9	1	2
Western Region	188,226	6	3.2	6	0
West River	233,472	6	2.6	6	0
East River	537,411	7	1.3	3	4
South Dakota YTD	770,883	13	1.7	9	4

MRSA, Invasive					
Region	Pop	# cases	Incidence	Jan	Feb
NorthEast Region	176,361	2	1.1	1	1
SouthEast Region	248,114	1	0.4	0	1
Central Region	158,182	3	1.9	1	2
Western Region	188,226	0	0.0	0	0
West River	233,472	0	0.0	0	0
East River	537,411	6	1.1	2	4
South Dakota YTD	770,883	6	0.8	2	4

*Methicillin-resistant *Staphylococcus aureus* isolated from a normally sterile site such as blood or cerebral spinal fluid and joint, pleural, or pericardial fluid.

Diseases may be reported to the SD Dept of Health at <http://www.state.sd.us/doh/diseasereport>

